

Welcome to the IW 2022

19.10.2022



Yasmine Amhis

Many people behind the scenes

Admir Greljo

Aoife Bharucha

Carla Gobel Burlamaqui De Mello

Chris Parkes

Danny van Dyk

Dean Robinson

Guy Wilkinson

Lucia Grillo

Vanya Belyaev

Yasmine Sara Amhis

Scientific programme is divided in these streams:

- 1. Mixing & CP violation
 - Federico Betti, Emmy Gabriel (LHCb)
 - Matthew Kirk, Aleks Smolkovic (Theory)
- 2. Flavour Changing Neutral Currents
 - Vitalii Lisovskyi, Titus Mombacher (LHCb)
 - Claudia Cornella, Marco Fedele (Theory)
- 3. Flavour Changing Charged Currents
 - Resmi Puthumanaillam, Davide Fazzini (LHCb)
 - Clara Murgui, Bernat Capdevila (Theory)
- 4. QCD spectroscopy and exotic hadrons
 - Elisabeth Niel, Dmitrii Pereima (LHCb)
 - Raquel Molina, M. Padmanath (Theory)
- 5. EW Physics & New Particles
 - Elena Dall'Occo, Menglin Xu (LHCb),
 - Maeve Madigan, Ben Stefanek (Theory)
- 6. Model Building for flavour physics
 - Conveners of streams 1, 2 & 3.

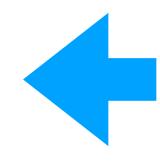
LHCb secretariat!

A big thank you to the time and energy of everyone!

Experimenting with the program

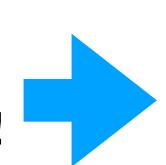
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Grouped the model building together

Rotating topics
Next year we will have
Fixed target and Heavy ions!



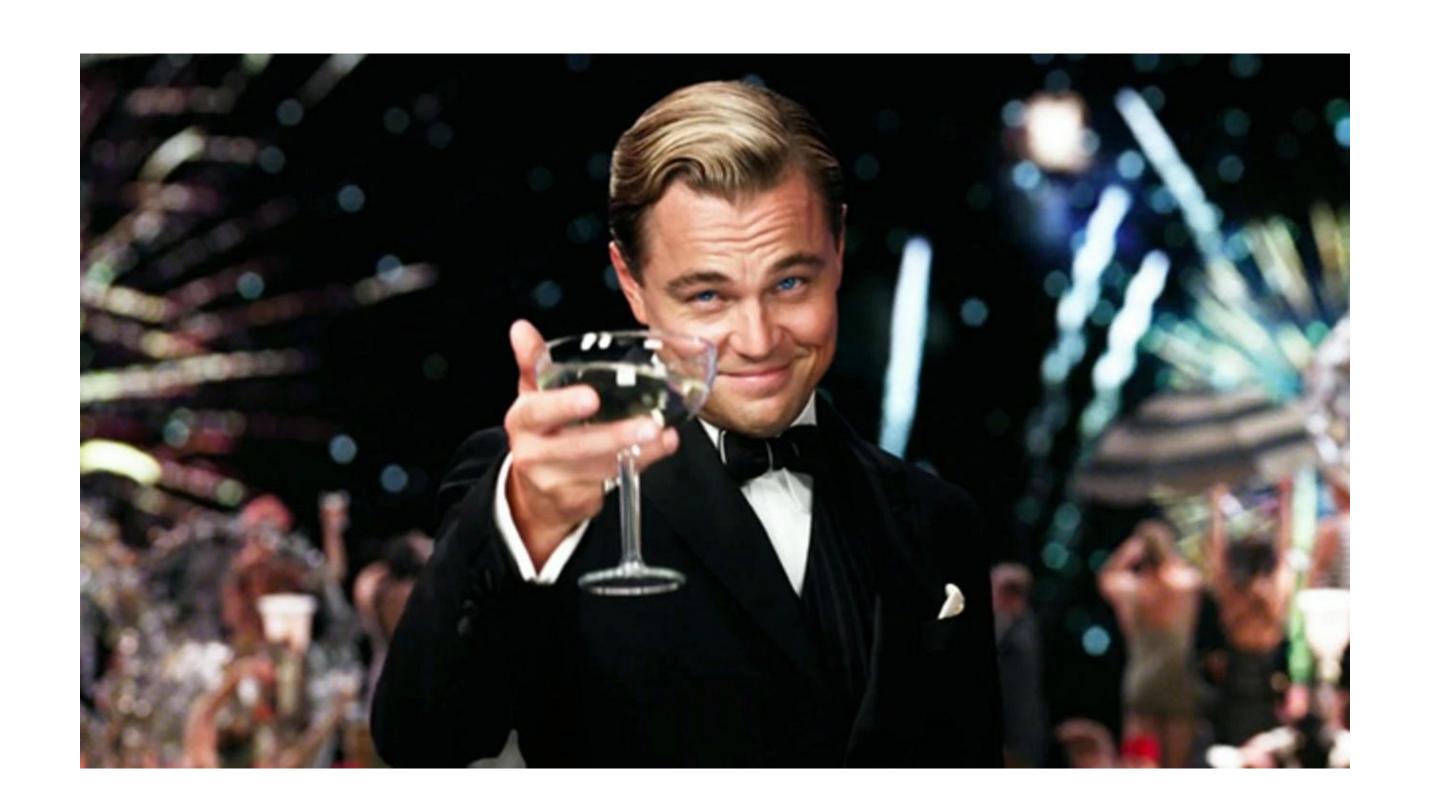


Unfolded distributions of semileptonic decays (but not just)

Mark Smith and Marta Calvi (our Semi-leptonic conveners at LHCb) will lead a discussion between LHCb people and theorists Thursday during lunch time.

Make sure to grab your take away if you wish to follow this.

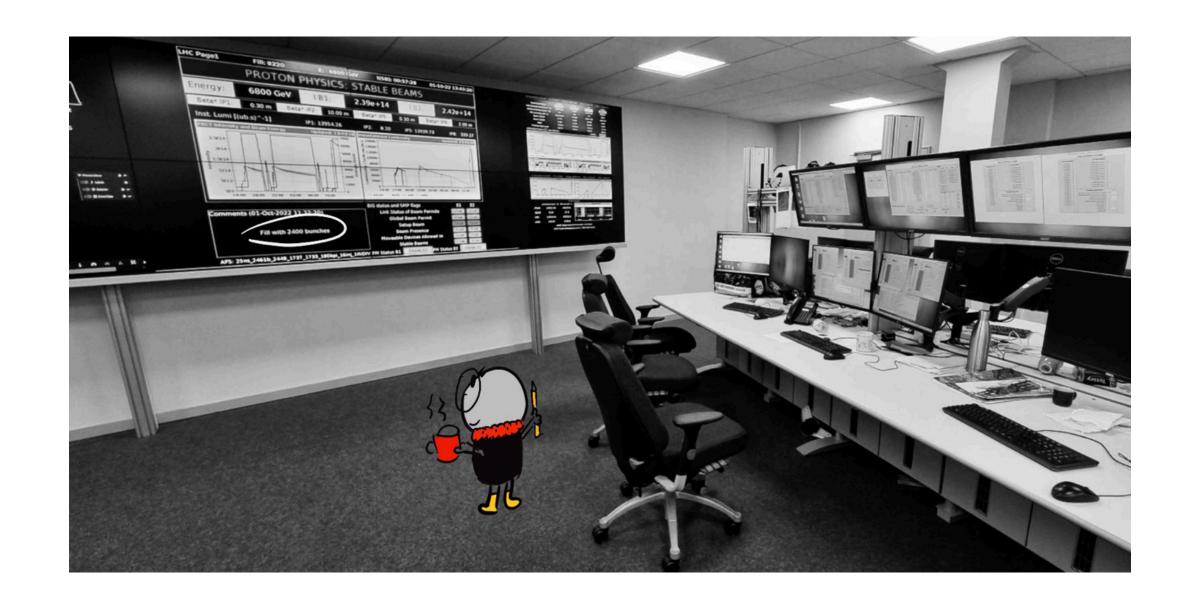
Welcome drink Wed at 19:00 in R1



Apologies to the people on zoom!

Building the future - together

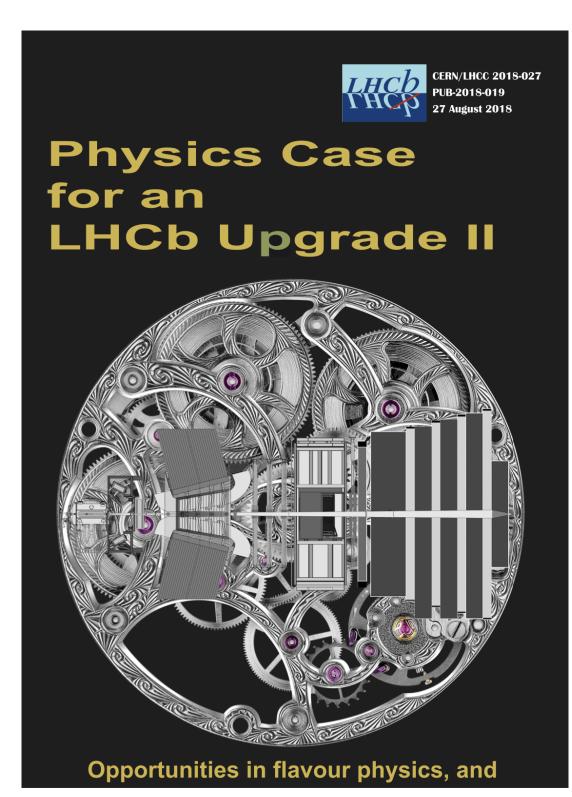




The implications workshop is a unique place to build bridges and (potentially) come up with new ideas.

Building the future - together







arXiv:2022.093801928

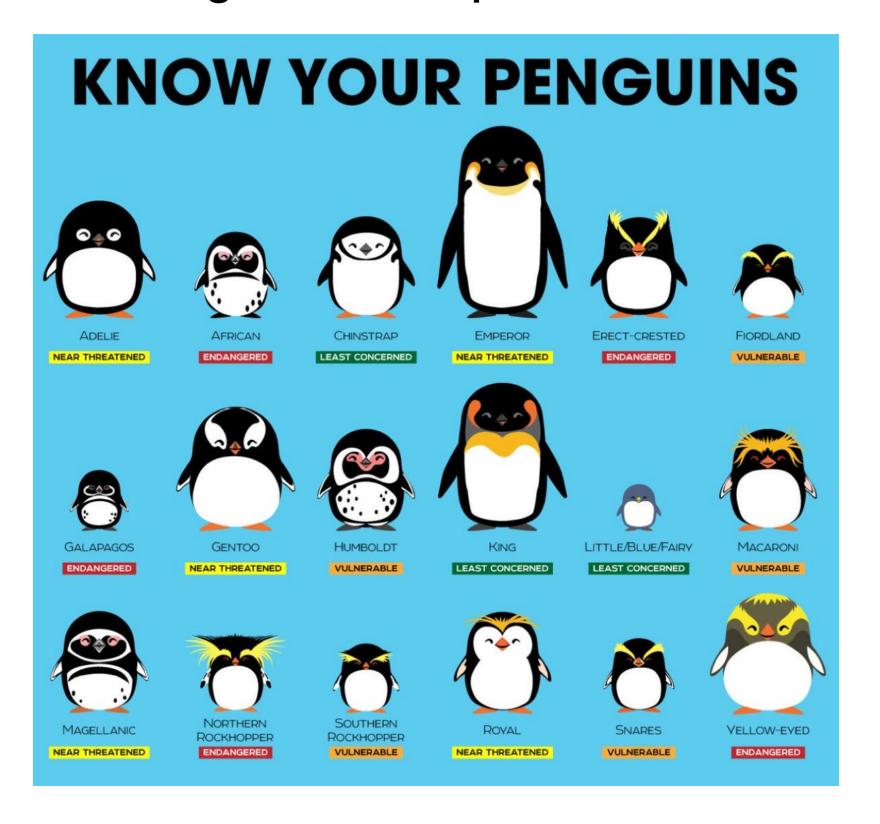
Short author
Method papers
TH+Experimentalists

In the next years we will continue to have opportunities!

What about R_K ? What about R_{K*} ?

Why? Why? Why? Why? Why? Why? Why?

Imagine here all possible accents



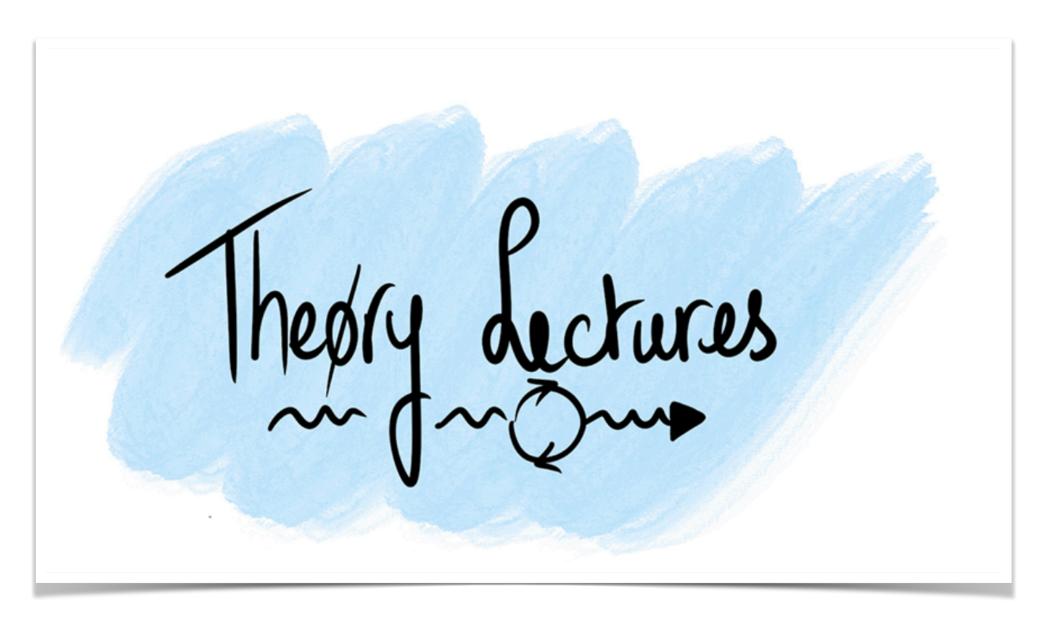
My grandmother always says:

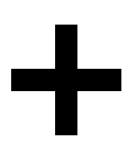


"Tout vient à temps à qui sait attendre."

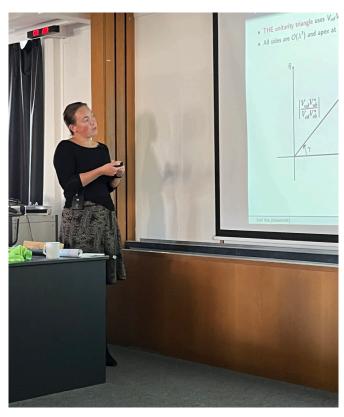
... and she is never wrong.

Save the date! October 23, 2023





Implications Workshop







2022 - Keri Vos & Luca Silvestrini

In advance thank you to everyone for their hard work.

May the workshop begin!